



UNITED STATES (Form BDWY-1) Patents and Design Patents Sole & Joint Inventors Convention & Non-convention PCT & Non-PCT This form cannot be amended, altered or changed after it is signed. (For use only for inventors who understand the English language.)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

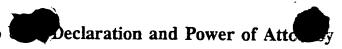
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought

was filed as U.S. Application No	(check one)	is attached here	eto.		
was affield as PCT International Application No				on	and (if applicable
and (if applicable) was amended under PCT Article 19 on (I suthorize any attorney appointed below to insert information in the preceding blanks.) (I suthorize any attorney appointed below to insert information in the preceding blanks.) (I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any attendment referred to above. I acknowledge the duty to disclose information which is material to patentiability as defined in Title 37, Code of Federal Regulations, §1.56. (I hereby claim foreign priority benefits under Title 35, United States Code, §119(A-40) or §355(b) of any foreign and PCT applications (for patent or investrificates, or §355(s) of any PCT international application which designated at least one country other than the United States of America listed in this objectantion. I have also identified below may foreign application for potent or inventor's certificate or PCT international application having a filing date be that of the application (s) on which priority is claimed: Foreign/PCT Application No. Country Filing Date Priority Claimed? (yes/no) 2000 - 033,634 JAPAN February 10, 2000 YES United States of America listed in this Declaration and, insofar as the subject nature of each of the claims of this application is not disclored in the prior U states subjected on the PCT international application in the manner provided by the first paragraph of Title 53, United States Code, §112, I acknowledge the disclose information which is material to paternability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing of the prior application No. Filing Date Status (paternate/depending/abandoned?) Levely claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below: Levely claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below: Levely claim priority benefits under Title		was amended o	n .		
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have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. hereby claim foreign priority benefits under Title 35. United States Code, §119(a)-(d) or §355(b) of any PCT intermational application which designated at least one country other than the United States of Americal listed in this beclaration. I have also identified below any foreign application for patent or inventor's certificate or PCT intermational application having a filing date be that of the application No. Country Filing Date Priority Claimed? (yes/no) 2000-033,634 JAPAN February 10, 2000 YES hereby claim the benefit under Title 35. United States Code, §120 or §365(c) of any United States application and PCT intermational application in the manner provided by the first paragraph of Title 35. United States of America listed in this Declaration and, insofar as the subject mater of each of the claims of this application is not disclosed in the prior united states of America listed in this Declaration and, insofar as the subject mater of each of the claims of this application is not disclosed in the prior united spatial path of PCT intermational application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the siclose information which is material to patentability at defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing of the prior application and the national or PCT intermational filling date of this application. U.S. Application No. Filing Date Status (patented/pending/abandoned?) Les Provisional Application No. Filing Date Status (patented/pending/abandoned?) Les Provisional Application No. Filing Date Status (C. Limino, Ir. (39945), Carelyn Rayorino (39183), George A. Mezentain (P41995), and Steven W. Collier (P42429		and (if application	ble) was amended under PCT Art	icle 19 on	
acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(b) for patent or inverentificato, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date be but of the application(b) on which priority is claimed: Foreign/PCT Application No. Country Filing Date Priority Claimed? (yes/no) 2000-033,634 JAPAN February 10, 2000 YES hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designated states of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior united States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior united States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior united States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior united States application or PCT international application in the manner provided by the first paragraph of Title 25, United States Code, §112, I arknowledge the disclose information which is material to patentiability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing of the prior application in the manner provided by the first paragraph of Title 25, United States Code, §112, I arknowledge that subject and the subject		(I authorize any attorne	y appointed below to insert information is	the preceding blanks.)	
Foreign/PCT Application No. Country Filing Date Priority Claimed? (yes/no) 2000-033,634 JAPAN February 10, 2000 YES Intereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designated by the first paragraph of Title 35, United States Code, §12, I acknowledge the statiscose information which is material to patembility as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing of the prior application no. Filing Date Status (patented/pending/abandoned?) U.S. Application No. Filing Date Status (patented/pending/abandoned?) Chereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below: U.S. Provisional Application No. Filing Date Status (patented/pending/abandoned?) Chereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: A. DeGrandi (17446), Robert G. Weilacher (20531), Richard G. Young (20628), Michael A. Makuch (32263), Dennis C. Rodgers (32936), Thomas L. E. 33805), Frank C. Cimino, Jr. (39945), Carolyn Favorito (39183), George A. Metzenthin (P41995), and Steven W. Collier (P42429). Send all correspondence to Beveridge, DeGrandi, Weilacher & Young, L.L.P., Suite 800, 1850 M Street, N.W., Washington, D.C. 20036. Facsimiles meet to (202) 659-1462. Direct all telephone calls to (202) 659-2811. Chereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor: Hiroyuki ASAKURA Citizenship: JaPAN Residence (city, state, country): Osaika-shi, Osaika JaPAN Date: Jinuary 25, 2001 Date: Jinuary 25, 2001	I acknowledge the second of th	he duty to disclose infor oreign priority benefits to 165(a) of any PCT internative lave also identified below	mation which is material to patentability a under Title 35, United States Code, §119(lational application which designated at le v any foreign application for patent or inv	s defined in Title 37, Code of Federal R a)-(d) or §365(b) of any foreign and PC ast one country other than the United St	egulations, §1.56. T application(s) for patent or invenates of America listed in this
2000-033,634 JAPAN February 10, 2000 YES thereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior Usates application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §11.2, I acknowledge the insclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing of the prior application and the national or PCT international filing date of this application: U.S. Application No. Filing Date Status (patented/pending/abandoned?) Lereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below: U.S. Provisional Application No. Filing Date Status (patented/pending/abandoned?) hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: A. DeGrandi (17446), Robert G. Weilacher (20531), Richard G. Young (20628), Michael A. Makuch (32263), Dennis C. Rodgers (32936), Thomas L. E. 235805), Frank C. Cimino, Jr. (39945), Carolyn Favorito (39183), George A. Metzenthin (P41995), and Steven W. Collier (P42429). Send all correspondence to Beveridge, DeGrandi, Weilacher & Young, L.L.P., Suite 800, 1850 M Street, N.W., Washington, D.C. 20036. Facsimiles ment to (202) 659-1462. Direct all telephone calls to (202) 659-2811. hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to the true: and further that these statements made herein of my own knowledge that willful false statements made on information and belief are believed to the true; and further that these statements made herein of the application or any patent issued thereon. Full nam			1	Filing Date	Priority Claimed? (ves/no)
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Residence (city, state, country): Osaka-shi, Osaka JAPAN Post office address: Sakai Bldg. 2-3B, 8-18, Tamatsukurihonmachi, Tennoji-ku, Osaka-shi, Osaka 543-0013 JAPAN Signature: Date: Jnauary 25, 2001 Full name of second joint inventor, if any: Citizenship:	A. DeGrandi (17 35805), Frank (Send all correspo	7446), Robert G. Weilac C. Cimino, Jr. (39945), ondence to Beveridge, I	her (20531), Richard G. Young (20628), Carolyn Favorito (39183), George A. Mo DeGrandi, Weilacher & Young, L.L.P., S	Michael A. Makuch (32263), Dennis C etzenthin (P41995), and Steven W. Colli	. Rodgers (32936), Thomas L. Eve er (P42429).
desidence (city, state, country): Osaka-shi, Osaka JAPAN dost office address: Sakai Bldg. 2-3B, 8-18, Tamatsukurihonmachi, Tennoji-ku, Osaka-shi, Osaka 543-0013 JAPAN dignature: Date: Jnauary 25, 2001 dull name of second joint inventor, if any: Citizenship:	DeGrandi (17 15805), Frank (17 15805), Frank (17 15805), Frank (17 15805), Erank (17 15805), Frank (17	7446), Robert G. Weilac C. Cimino, Jr. (39945), ondence to Beveridge, D 9-1462. Direct all teleph that all statements made ther that these statements lection 1001 of Title 18	ther (20531), Richard G. Young (20628), Carolyn Favorito (39183), George A. Molegrandi, Weilacher & Young, L.L.P., State calls to (202) 659-2811. Therein of my own knowledge are true are were made with the knowledge that willing the United States Code and that such we	Michael A. Makuch (32263), Dennis C etzenthin (P41995), and Steven W. Colli- uite 800, 1850 M Street, N.W., Washing and that all statements made on information ful false statements and the like so made	Rodgers (32936), Thomas L. Evier (P42429). gton, D.C. 20036. Facsimiles may an and belief are believed to are punishable by fine or imprisor
Full name of second joint inventor, if any: Date: Jnauary 25, 2001 Citizenship:	a. DeGrandi (17 35805), Frank (end all correspo ent to (202) 655 hereby declare e true; and furti r both, under S ne application o	7446), Robert G. Weilac C. Cimino, Jr. (39945), ondence to Beveridge, D 9-1462. Direct all teleph that all statements made ther that these statements tection 1001 of Title 18 or any patent issued there	ther (20531), Richard G. Young (20628), Carolyn Favorito (39183), George A. Molegrandi, Weilacher & Young, L.L.P., Stance calls to (202) 659-2811. Therein of my own knowledge are true are were made with the knowledge that will of the United States Code and that such we con.	Michael A. Makuch (32263), Dennis C etzenthin (P41995), and Steven W. Colli- nite 800, 1850 M Street, N.W., Washing and that all statements made on information ful false statements and the like so made willful false statements may jeopardize the	Rodgers (32936), Thomas L. Evier (P42429). gton, D.C. 20036. Facsimiles may an and belief are believed to are punishable by fine or imprisor e validity of
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	a. DeGrandi (17 35805), Frank (end all correspondic to (202) 655 hereby declare e true; and furd r both, under S are application o full name of desidence (ci.	7446), Robert G. Weilac C. Cimino, Jr. (39945), ondence to Beveridge, I D-1462. Direct all teleph that all statements made ther that these statements fection 1001 of Title 18 or any patent issued there sole or first inventally, state, country): iddress: Sakai Bldg.	ther (20531), Richard G. Young (20628), Carolyn Favorito (39183), George A. Molegrandi, Weilacher & Young, L.L.P., State calls to (202) 659-2811. Therein of my own knowledge are true and were made with the knowledge that will of the United States Code and that such we con. Dr: Hiroyuki ASAKURA Osaka-shi, Osaka JAPAN 2-3B, 8-18, Tamatsukurihonmach	Michael A. Makuch (32263), Dennis C etzenthin (P41995), and Steven W. Colli- uite 800, 1850 M Street, N.W., Washing all that all statements made on informational false statements and the like so made rillful false statements may jeopardize the Citizenship I, Tennoji-ku, Osaka-shi, Osaka	Rodgers (32936), Thomas L. Ever (P42429). gron, D.C. 20036. Facsimiles may an and belief are believed to are punishable by fine or imprison e validity of JAPAN 543-0013 JAPAN
····· (-···), -·······) '······ (/)	A. DeGrandi (17 35805), Frank (17 36805), Frank	2446), Robert G. Weilac C. Cimino, Jr. (39945), ondence to Beveridge, I 9-1462. Direct all teleph that all statements made ther that these statements ection 1001 of Title 18 or any patent issued there is sole or first inventify, state, country): idress: Sakai Bldg.	ther (20531), Richard G. Young (20628), Carolyn Favorito (39183), George A. Me deGrandi, Weilacher & Young, L.L.P., Statone calls to (202) 659-2811. Therein of my own knowledge are true are were made with the knowledge that will of the United States Code and that such were. Der: Hiroyuki ASAKURA Osaka-shi, Osaka JAPAN 2-3B, 8-18, Tamatsukurihonmach	Michael A. Makuch (32263), Dennis Cetzenthin (P41995), and Steven W. Collisate 800, 1850 M Street, N.W., Washing all that all statements made on informational false statements and the like so made willful false statements may jeopardize the Citizenship Citizenship Citizenship Date: Date: Jnauary	Rodgers (32936), Thomas L. Ever (P42429). gron, D.C. 20036. Facsimiles may an and belief are believed to are punishable by fine or imprison e validity of JAPAN 543-0013 JAPAN 25, 2001

Date:

Signature:

Supplemental Sheet to



Additional Inventor(s):

I bereby declare that all statements made in the attached Declaration and Power of Attorney of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Residence (city, state, country):	•	Citizens	hip:	
Post office address:				
Signature:		Date:		
Full name of inventor: Residence (city, state, country):		Citizens	hip:	
Post office address:		•		
Signature:		Date:		
Full name of inventor:		Citizensi	hip:	
Residence (city, state, country): Post office address:	•		•	
Signature:	·	Date:		
Full name of inventor: Residence (city, state, country):		Citizenship:		
Post office address:				
Signature:	****	Date:		
! - Additional Foreign/PCT App	lications:		•	
Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)	
2000-239,297	JAPAN	August 8, 2000	YES	
Additional U.S. Applications	:		<u> </u>	
U.S. Application No.			Status (patented/pending/abandoned?)	
Additional Provisional U.S. A	Applications:			
U.S. Provisional Application No.	Filing Date]		
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